

SMD Low Profile High Current Molded Inductor Size 1350

Shielded construction

Ultra low buzz noise, due to composite construction.

AEC-Q200 qualified

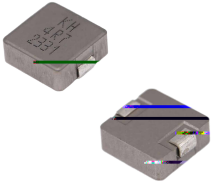
Operating temperature: -55 to +155 °C(including self-temperature rise)

Quantity: 500PCS

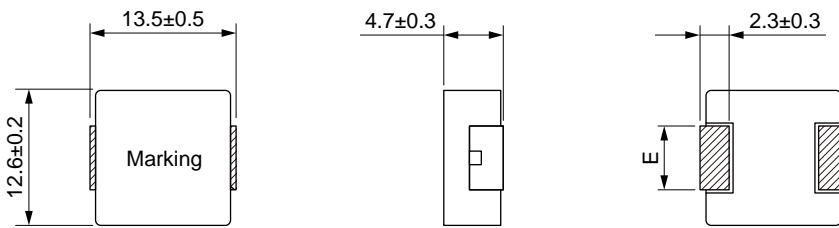
Noise filter for various drive circuitry requiring high temp. operation and peak current handling capability.

Boost-Converter

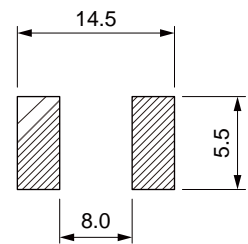
Buck-Converter DC/DC



Dimensions: [mm]



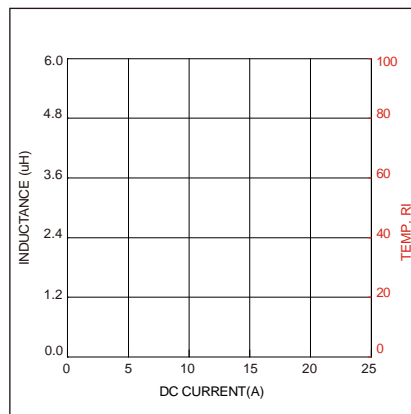
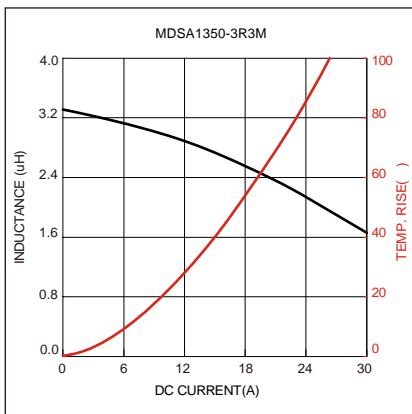
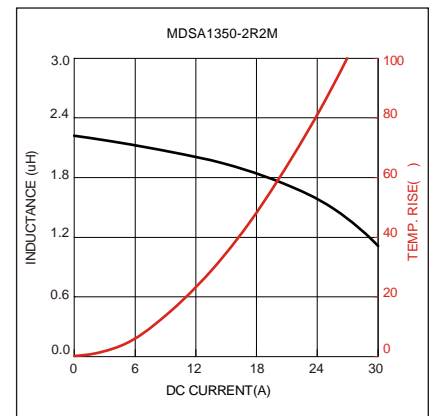
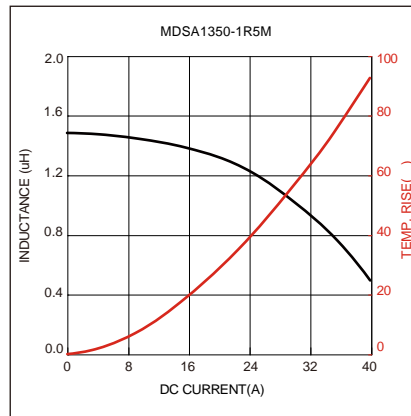
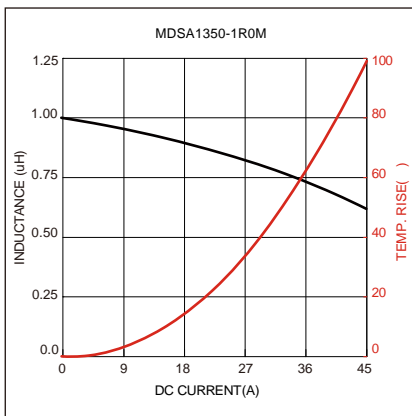
Land Pattern: [mm]



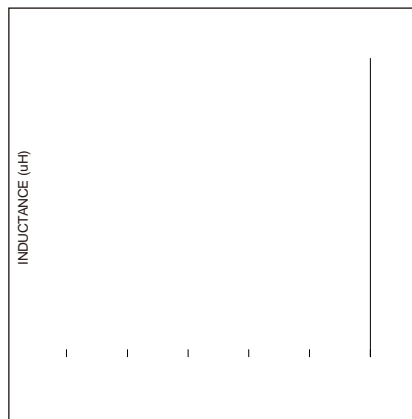
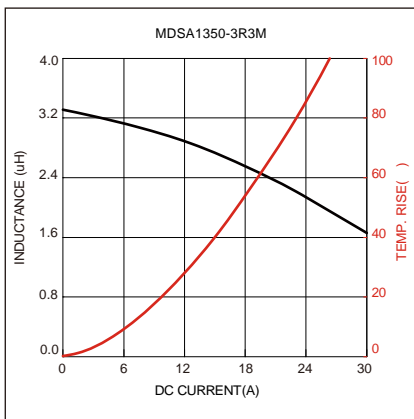
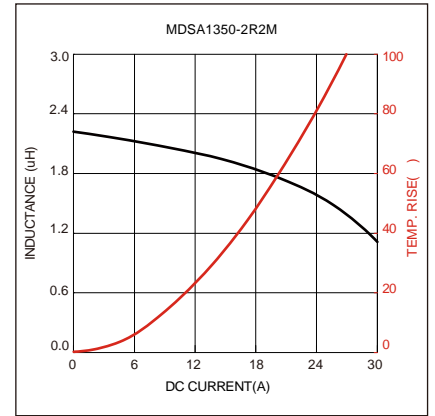
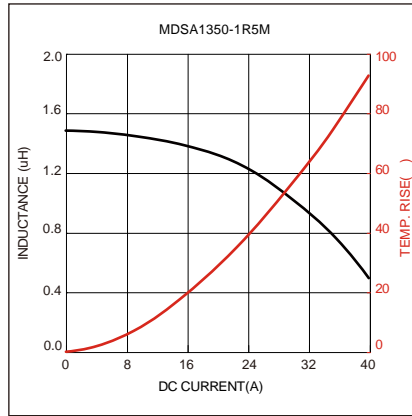
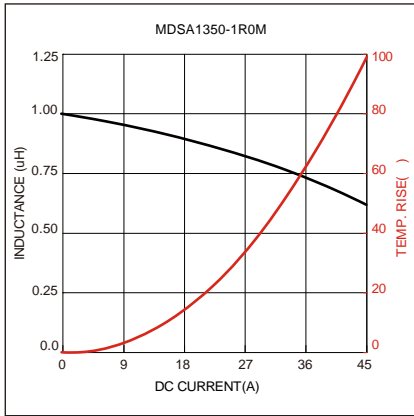
Electrical Properties:

	(μH)			Saturation	($\text{m}\Omega$)	($\text{m}\Omega$)	
MDSA1350-R22M			54.7		0.50		
MDSA1350-R47M							
MDSA1350-R68M				50.0		1.58	
MDSA1350-1R0M							
MDSA1350-1R5M	1.50						
MDSA1350-2R2M				25.9			
MDSA1350-3R3M			15.4				
MDSA1350-4R7M							
MDSA1350-6R8M							
MDSA1350-100M							
MDSA1350-150M	15.0						

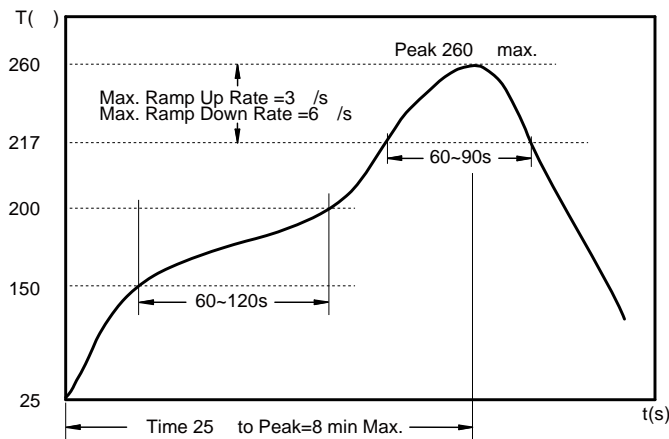
Typical Electrical Characteristics:



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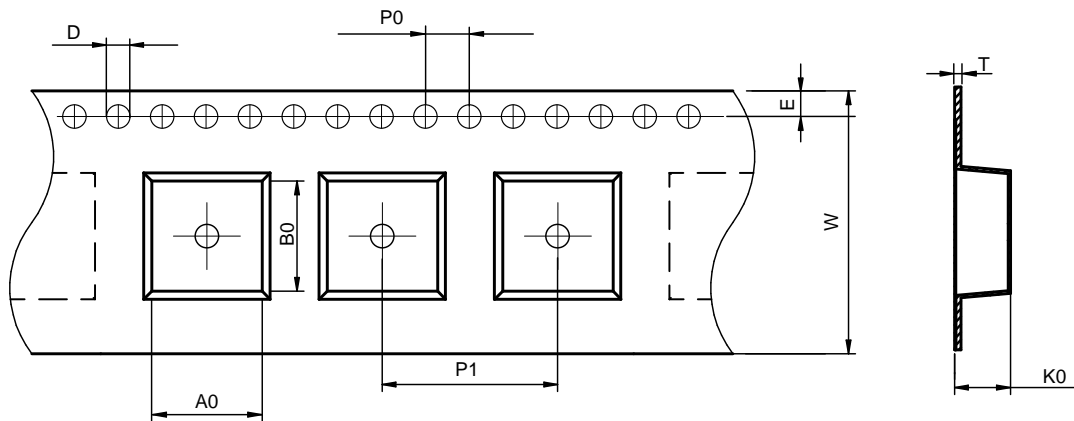
Soldering Reflow:



Preheat condition: 150 ~200 / 60~120 sec.
 Allowed time above 217 : 60~90 sec.
 Max temperature: 260 .
 Max time at max temperature: 10 sec.
 Allowed Reflow time: 2x max.

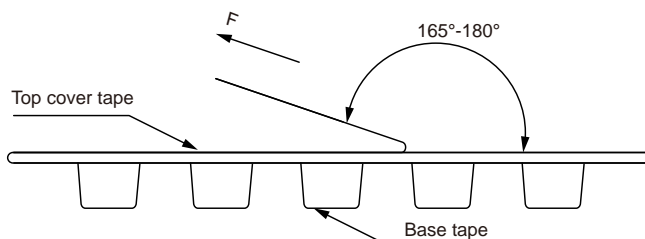
Packaging Information:

Tape Dimension :



Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
MDSA1350	13.1± 0.1	14.0± 0.1	1.5± 0.1	4.0± 0.1	16.0± 0.1	24.0± 0.3	5.4± 0.1	1.75± 0.1	0.50± 0.05

Peel force of top cover tape:

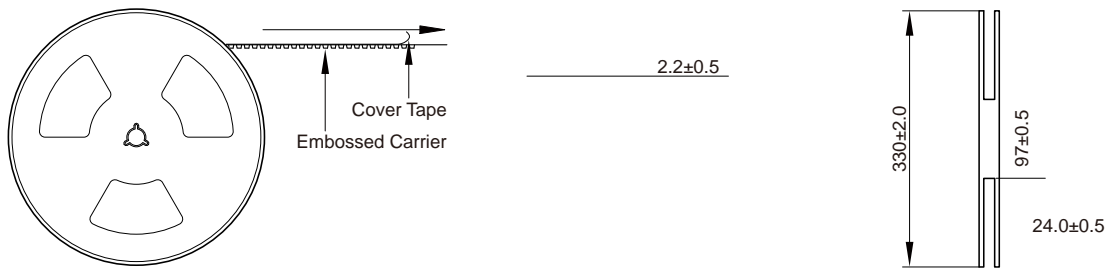


The peel force of top cover tape shall be between 0.1 to 1.3 N

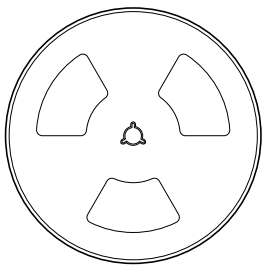
Product Marking:

Marking	KH+Printing Inductance+period)
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Reel Dimension : [mm]



Packaging Quantity:



500 Pcs/Reel



2 Reel /Inner box(1000 Pcs)



2 Inner box/Carton box(2K Pcs)

Cautions and Warnings:

Storage Conditions :

Operation Instructions: